

## REMARKS

The Advisory Action of September 13, 2007 stated that the meaning of "inclination" of an aleatory sequence was unclear. It was unclear how an aleatory sequence can be aleatory if its "inclination" is limited and is unclear how the inclination of the aleatory sequence is limited by the periodic sequence.

Independent claims 22 and 28 have been amended herein to remove the recitation of the inclination of the aleatory sequence.

Claim 22 now recites:

"... generating a random sequence and processing said random sequence by means of a rate limiter (42) to obtain a limited rate sequence and generating a sequence (NOISE) by means of processing said limited rate sequence.".

Support for the amended claim is found in the specification:

"random sequence" refers to the output of the sum node NBS2 (FIG. 11) which indirectly receives as input a white aleatory sequence (paragraph [0039] line 13 and following); being therefore a random sequence (random = aleatory).

"rate limiter" is clearly identified in FIGS. 11 and 12 as the block (42).

"limited rate sequence" refers to the output "OUT" of the rate limiter (FIG. 12), whose manner of functioning is disclosed in detail in paragraph [0053] line 7 and following: "The output sequence follows the input sequence maintaining an inclination limited according to the value RATE". Since the term "inclination" was rejected, it has been replaced by "rate" to be more conformant to the description and figures.

The term "aleatory" has been removed from the dependent claims 25-27 since there is no antecedent basis in amended claim 22.

The "loop" in claim 25 is shown in FIG. 11 and is discussed in paragraph [0052], lines 1-9.

Support for claim 28 is found in paragraph [0039], lines 11-20. The relationship between the sequence RATE and the rate limiter is provided in paragraph [0053].

Claim 31, which was not further amended, is supported in paragraphs [0052] and [0053].

Our office has merged with another law firm. Please send all correspondence to:

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It appears that all matters have been addressed satisfactorily, and that the case is now in condition for a complete allowance; and the same is respectfully urged.

However, if the Examiner has any comments or questions, or has any suggestions as per MPEP 707.07 (d) and (j), for putting the case in condition for final allowance, he is respectfully urged to contact the undersigned attorney-of-record at the telephone number below, so that an expeditious resolution may be effected and the case passed to issue promptly.

Oct 23, 2007  
Date

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Respectfully submitted,

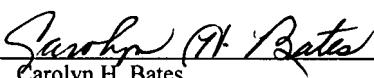


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**CERTIFICATE OF TRANSMITTAL**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 23, 2007  
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By:   
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